2

Under the Paperwork Reduction Act of 1994, no persons are required to respond to a collection of information unless it displays a valid ONB control number

UTILITY PATEN'T APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b)

2003 0924 Attorney Docket No.:

First Named Inventor: Hirotoshi TAKAHASHI et al.

Title: MODULATOR AND DEMODULATOR

Express Mail Label No.:

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: P.O. Box 1450

Alexandria, VA 22313-1450

1. [X] Fee Transmittal Form (Submit an original, and a duplicate for fee processing)

2. [] Small Entity Status is hereby asserted.

Specification [Total Pages: 26]

(preferred arrangement set forth below) - Descriptive title of the Invention

- Cross References to Related Applications

- Statement Regarding Fed sponsored R & D
- Reference to Sequence Listing, a table, or a computer program listing appendix.
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description

4. [X] Drawing(s) /35 USC 113/

Claim(s)

3. [X]

Abstract of the Disclosure

[Total Sheets: 6]

5. [X] Oath or Declaration

[Total Pages : 3]

- a.1. [] Newly executed (original or copy)
- a.2. [] Unexecuted
- [X] Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)
 - i. [] DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. [] Application Data Sheet (see 37 CFR 1.76)

7. [] CD-ROM or CD-R in duplicate, large table or computer program (Appendix)

Commissioner for Patents

8. [] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a. [] Computer Readable Form
 - b. Specification Sequence Listing on:
 - i. [] CD-ROM or CD-R (2 copies); or
 - ii. [] Paper
 - c. [] The paper and computer readable copies are identical

ACCOMPANYING APPLICATION PARTS

- Assignment Papers (cover sheet & document(s))
- 37 CFR 3.73(b) Statement (when there is an assignee)
 - [] Power of Attorney
- English Translation Document (if applicable)
- 12. [X] Information Disclosure Statement (IDS)/PTO-1449 [] Copies of IDS Citations
- **Preliminary Amendment** 13. II
- 14. [X] Return Receipt Postcard (MPEP 503) (Should be specifically itemizedl
- Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 16. [] Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- 17. [X] Other Claim of Priority Under 35 USC 119

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet:

[] Continuation

[X] Divisional

[] Continuation-in-part (CIP)

of prior application No. 10/036,428

Prior Application Information: Examiner Henry Choe

Group Art Unit 2817

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS



000513

PATENT TRADEMARK OFFICE

WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200

Fax: (202) 721-8250

July 3, 2003

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT **ACCOUNT NO. 23-0975**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	:
Hirotoshi TAKAHASHI et al.	:
Serial No. NEW	: Attn: APPLICATION BRANCH
Filed July 3, 2003	: Attorney Docket No. 2003_0924
MODULATOR AND DEMODULATOR (Rule 1.53(b) Divisional of Serial No. 10/036,428, Filed January 7, 2002)	
PATENT OFFICE	FEE TRANSMITTAL FORM
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: Attached hereto is a check in the amount the following attached papers:	THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975 at of \$750.00 to cover Patent Office fees relating to filing
	\$ <u>750.00</u>
	submitted for use in the Accounting Division, Office of
	arge any deficiency or to credit any overpayment at Account No. 23-0975, with the EXCEPTION of ims in new applications.
	Respectfully submitted,
	Hirotoshi TAKAHASHI et al.
	By David M. Ovedovitz Registration No. 45,336 Attorney for Applicants
DMO/jmj WENDEROTH, LIND & PONACK, L.L.P. 2033 K St., N.W., Suite 800 Washington, D.C. 20006-1021 Telephone (202) 721-8200	[Check No. Stys5
July 3 2003	2003 092

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of

Hirotoshi TAKAHASHI et al.

Serial No. NEW

Attn: APPLICATION BRANCH

Filed July 3, 2003

Attorney Docket No. 2003 0924

MODULATOR AND DEMODULATOR (Rule 1.53(b) Divisional of Serial No. 10/036,428, Filed January 7, 2002)

PATENT OFFICE FEE TRANSMITTAL FORM

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

Attached hereto is a check in the amount of \$750.00 to cover Patent Office fees relating to filing the following attached papers:

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Hirotoshi TAKAHASHI et al.

Registration No. 45,336

Attorney for Applicants

DMO/jmj WENDEROTH, LIND & PONACK, L.L.P. 2033 K St., N.W., Suite 800 Washington, D.C. 20006-1021 Telephone (202) 721-8200 July 3, 2003

[Check No. <u>56485</u>

2003 0924